

WHAT IS CLAIMED IS:

1           1. A method for adhering and proliferating cell, which  
2 comprises the steps of inoculating, culturing and then killing fibroblast  
3 derived from a mammal.

1           2. The method according to Claim 1, wherein said killed  
2 fibroblast is separated from the culture vessel at least partially.

1           3. The method according to Claim 1, wherein said killed  
2 fibroblast is separated from the culture vessel entirely.

1           4. The method according to Claim 1, wherein said  
2 fibroblast is killed by at least one treatment selected from the group  
3 consisting of freezing, drying and irradiating electromagnetic  
4 radiation.

1           5. The method according to Claim 4, wherein  
2 electromagnetic radiation is at least one selected from the group  
3 consisting of  $\beta$  ray,  $\gamma$  ray, X-ray, electron beam and UV ray.

1           6. The method according to Claim 1, wherein said  
2 fibroblast is killed by repeating one treatment selected from the group  
3 consisting of freezing, drying and irradiating electromagnetic  
4 radiation.

1           7. The method according to Claim 6, wherein

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1            8. The method according to Claim 1, wherein said  
2 fibroblast is killed by a combination of at least two treatments selected  
3 from the group consisting of freezing, drying and irradiating  
4 electromagnetic radiation.

1 *Substantive* 10. The method according to Claim 1, wherein said  
2 fibroblast is 3T3 mouse lung fibroblast.

1 11. The method according to Claim 1, wherein said cell is  
2 epithelial cell.

1           12. The method according to Claim 11, in which said  
2   epithelial cell is epidermal cell.

1           13. The method according to Claim 1, wherein said cell is  
2   hepatic cell.

1 14. An epidermal cell sheet prepared from the epidermal  
2 cell which is cultured using the method according to Claim 1.

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1 15. An epidermal cell suspension prepared from the  
2 epidermal cell which is cultured using the method according to Claim  
3 1.

1 16. A culture vessel manufactured according to the steps of  
2 Claim 1, which can provide improved adhesion to at least one selected  
3 from the group consisting of epithelial and hepatic cells and enhanced  
4 cell-proliferation of at least one selected from the group consisting of  
5 epithelial and hepatic cells.

1 17. The culture vessel according to Claim 16, wherein said  
2 killed fibroblasts are separated from the vessel at least partially.

1 18. The culture vessel according to Claim 16, wherein said  
2 killed fibroblasts are separated from the vessel entirely.

1 19. The culture vessel according to Claim 16, which can be  
2 preserved by a treatment selected from the group consisting of  
3 freezing and drying.

1 *Sub C17* 20. The culture vessel according to Claim 16, wherein said  
2 fibroblast derived from a mammal is 3T3 mouse lung fibroblast.

1 21. The culture vessel according to Claim 16, wherein said  
2 epithelial cell is epidermal cell.

1 22. The culture vessel according to Claim 16, which is

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2 made of a material selected from the group consisting of glass,  
3 synthetic polymer and biopolymer.

1 23. The culture vessel according to Claim 16, which has a  
2 shape selected from the group consisting of flask, petri dish, roller  
3 bottle, tray, well plate, beads, film, sheet and sponge.

1 24. The culture vessel according to Claim 22, which is  
2 made of glass and has a shape selected from the group consisting of  
3 flask, petri dish, roller bottle, tray, well plate, beads, film, sheet and  
4 sponge.

1 25. The culture vessel according to Claim 22, which is  
2 made of synthetic polymer and has a shape selected from the group  
3 consisting of flask, petri dish, roller bottle, tray, well plate, beads, film,  
4 sheet and sponge.

1 26. The culture vessel according to Claim 22, which is  
2 made of biopolymer and has a shape selected from the group  
3 consisting of sheet, film, sponge and beads.

1 27. The culture vessel according to Claim 16, whereby an  
2 epidermal cell sheet can be prepared.

1 28. The culture vessel according to Claim 16, whereby an  
2 epidermal cell suspension can be prepared.

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